1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: GOOD RIDDANCE ADVANCED, 16 OZ SAMPLE, NAC MM
Product Code: 0706
Recommended use: Surfactant
Chemical nature: Aqueous surfactant solution
Emergency Telephone Number: CHEMTREC® 800-424-9300
Telephone inquiry: 972-579-2477

2. HAZARD IDENTIFICATION

Color: Colorless
Physical State: Liquid
Odor: Sweet

GHS Classification
Physical Hazards: None
Health Hazard: Specific target organ systemic toxicity (single exposure) Category 3
Specific target organ systemic toxicity (repeated exposure) Category 2
Other hazards: None

Labeling
Signal Word: WARNING

Hazard Statements
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements
P260 - Do not breathe mist
P271 - Use in a well-ventilated area.
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a physician if unwell.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P501 - Dispose of contents and container in accordance with applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>34590-94-8</td>
<td>3-7</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General advice: Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact: Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion: Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES
Flash Point: Does not flash
Flammability Limits in Air %: Not applicable.
Suitable Extinguishing Media: Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical: Material can create slippery conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Material can create slippery conditions.
Environmental Precautions: No special environmental precautions required.
Methods for Containment: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Storage: Store in cool/well-ventilated place.
Storage Temperature: Minimum 35 °F / 2 °C Maximum 120 °F / 49 °C
Storage Conditions: Indoor X Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>TWA: 100 ppm Skin STEL: 150 ppm</td>
<td>TWA: 100 ppm STEL 600 mg/m³ Skin</td>
<td>IDLH 600 ppm STEL 150 ppm STEL 900 mg/m³ TWA 100 ppm TWA 600 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures: Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment
Eye/Face Protection: Safety glasses with side-shields.
Skin Protection: For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations: Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Viscosity</th>
<th>Odor</th>
<th>Appearance</th>
<th>Specific Gravity</th>
<th>Percent Volatile (Volume)</th>
<th>VOC Photoreactive (Y/N)</th>
<th>VOC Max Use Dilution (wt%)</th>
<th>Vapor Pressure</th>
<th>Solubility</th>
<th>Melting Point/Range</th>
<th>Boiling Point/Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Non viscous</td>
<td>Sweet</td>
<td>Transparent</td>
<td>1.0</td>
<td>99</td>
<td>Yes</td>
<td>3</td>
<td>17.4 mmHg @ 70°F</td>
<td>Completely soluble</td>
<td>No data available</td>
<td>212 °F / 100 °C</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Chemical Stability
Stable. Hazardous polymerization does not occur.

Conditions to Avoid
None known

Incompatible Products
Strong oxidizing agents, Acids, Bases.

Hazardous Decomposition Products

Possibility of Hazardous Reactions
None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information
The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50
No information available

Dermal LD50
No information available

Inhalation LC50

<table>
<thead>
<tr>
<th>Gas</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mist</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Principle Route of Exposure
Skin contact, Eye contact.

Primary Routes of Entry
Inhalation

Acute Effects

<table>
<thead>
<tr>
<th>Eyes</th>
<th>May cause eye irritation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.</td>
</tr>
</tbody>
</table>

Ingestion
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity
Liver injury may occur.

Target Organ Effects
Eyes, Central nervous system, Respiratory system, Heart, Liver, Lungs.

Aggravated Medical Conditions
Skin disorders, Respiratory disorders, Liver disorders, Neurological disorders.

Component Information

Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>= 5230 mg/kg ( Rat )</td>
<td>= 9500 mg/kg ( Rabbit )</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>

Chronic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>eyes, CNS, respiratory system, heart, liver, lung</td>
</tr>
</tbody>
</table>

Carcinogenicity
There are no known carcinogenic chemicals in this product.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Product Information
No information available.

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>no data available</td>
<td>LC50 &gt; 10000 mg/L Pimephales promelas 96 h</td>
<td>no data available</td>
<td>LC50= 1919 mg/L 48 h</td>
<td>-0.064</td>
</tr>
</tbody>
</table>

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Mobility
No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal
Dispose of in accordance with local regulations.

Container Disposal
Empty containers should be taken for local recycling, recovery, or waste disposal.
14. TRANSPORT INFORMATION

DOT  Not regulated
TDG  Not regulated
ICAO  Not regulated
IATA  Not regulated
IMDG/IMO  Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA  Complies
DSL  Complies
U.S. Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 313/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values</th>
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<tr>
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<td>3-7</td>
<td>1.0</td>
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</tbody>
</table>

CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol mono methyl ether</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Prepared By  Sarah Williamson
Supercedes Date  03/03/2011
Issuing Date  11/05/2013
Reason for Revision  No information available.
Glossary  No information available.
List of References.  No information available.

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