Defunkify All Purpose Cleaner – Citrus

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier
   Product Name  Defunkify All Purpose Cleaner – Citrus
   CAS No.  Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified use(s)  All Purpose Cleaner
   Uses advised against  None known.

1.3 Details of the supplier of the product
   Company Identification  Dune Sciences, Inc.
   350 W. 5th Ave.
   Eugene, OR 97401
   Telephone  (541) 359-1959
   E-Mail  Info@defunkify.com

1.4 Emergency telephone number  (800) 424-9300 [CHEMTREC]

2. SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture
   GHS 29 CFR 1910.1200

2.2 Label elements
   Hazard pictogram(s)

   Signal word(s)  Warning
   Hazard statement(s)  H227 – Combustible Liquid – Category 4
                        H313 – May be harmful in contact with skin – Category 5
                        H316 – Causes mild skin irritation – Category 3
                        H319 – Causes Serious Eye Irritation – Category 2A

   Precautionary statement(s)  PREVENTION: Keep away from heat, hot surface, sparks, open flames and other ignition sources. Do not eat, drink, or smoke while using this product. Wear protective
2.3 Other hazards

None.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>87.5-97.5%</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>1,3-Propanediol</td>
<td>1-6%</td>
<td>504-63-2</td>
</tr>
<tr>
<td>Isopropylidene glycerol</td>
<td>0.5-1.5%</td>
<td>100-79-8</td>
</tr>
<tr>
<td>Ethanol</td>
<td>0-0.5%</td>
<td>64-17-5</td>
</tr>
<tr>
<td>Limonene</td>
<td>0-0.5%</td>
<td>5989-8-7</td>
</tr>
<tr>
<td>Citric acid</td>
<td>0.0-0.5%</td>
<td>77-92-9</td>
</tr>
<tr>
<td>Capryl/decyl glucoside</td>
<td>0-1%</td>
<td>68515-73-1</td>
</tr>
<tr>
<td>Lauryl glucoside</td>
<td>0-1%</td>
<td>110615-47-9</td>
</tr>
<tr>
<td>1,2-benzisothiazolin-3-one,</td>
<td>&lt; 0.1%</td>
<td>2682-20-4</td>
</tr>
<tr>
<td>2-methyl-4-isothiazolin-3-one</td>
<td></td>
<td>2634-33-5</td>
</tr>
<tr>
<td>Citral</td>
<td>&lt;0.1%</td>
<td>5392-40-5</td>
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<tr>
<td>Sodium citrate</td>
<td>&lt; 0.1%</td>
<td>6132-04-3</td>
</tr>
</tbody>
</table>

3.2 Additional Information

None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Remove person to fresh air. If symptoms persist, get medical attention.

Skin Contact Rinse with plenty of water. If skin irritation or rash develops, get medical attention.

Eye Contact Flush eyes with water for several minutes while holding eyelids open. If eye irritation develops, get medical attention.

Ingestion Give plenty of water to drink. Do NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media Water spray, foam, dry powder or CO2.

Unsuitable Extinguishing Media None known.

5.2 Special hazards arising from the substance or mixture

None anticipated. Not flammable or combustible.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions
Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up
Adsorb spillages onto sand, earth, vermiculite or any suitable adsorbent material; collect in container for disposal according to local / national regulations.

6.4 Reference to other sections
See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE
General hygiene measures for the handling of chemicals are applicable.

7.1 Precautions for safe handling
Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Ambient.
Storage Life
Stable under normal conditions.
Incompatible materials
None know.

7.3 Specific end use(s)
All Purpose Surface Cleaner.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits
ACGIH (TLV), NIOSH (REL), and OSHA (PEL) exposure limits have not been established for this product or reportable ingredients.

8.1.2 Biological limit value
Not established.

8.1.3 PNECs and DNELs
Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Provide adequate ventilation.

8.2.2 Personal protection equipment
Eye/face protection
None.
Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
Respiratory protection
None.
Thermal hazards
Not applicable.

8.2.3 Environmental Exposure Controls
Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance
Water thin liquid.
Color
Clear.
Odor
Fragranced (citrus).
Odor Threshold
Not established.
pH
6.5-8.5.
Melting Point/Freezing Point
Not applicable.
Initial boiling point and boiling range
No information available.
Solubility
Soluble in water.

9.2 Other information
None.
10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Can react with strong oxidizers.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid
Open flame.

10.5 Incompatible materials
Strong oxidizing agents.

10.6 Hazardous Decomposition Product(s)
Under fire conditions this material may produce hazardous carbon dioxide (CO2), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| Acute toxicity | May be harmful in contact with skin. |
| Irritation     | Causes serious eye irritation.      |
| Corrosivity    | Causes mild skin irritation.        |
| Sensitisation  | None anticipated.                   |
| Repeated dose toxicity | None anticipated. |
| Carcinogenicity| No evidence of carcinogenicity.      |
| Mutagenicity   | No evidence of mutagenic potential.  |
| Toxicity for reproduction | None anticipated. |

11.2 Other information
None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability
No information available.

12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
Not classified as PBT or vPvB.

12.6 Other adverse effects
None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.

13.2 Additional Information
Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous or exempt for transport.

14.1 UN number
Not applicable.

14.2 UN Proper Shipping Name
Not applicable.

14.3 Transport hazard class(es)
Not applicable.

14.4 Packing Group
Not applicable.

14.5 Environmental hazards
Not applicable.

14.6 Special precautions for user
Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance
or mixture

15.2 GHS

Created in accordance with the OSHA’s implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

15.3 US EPA

TSCA: All ingredients are on the TSCA inventory.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

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Annex to the extended Safety Data Sheet (eSDS)

No information available.