



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. 5 th 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)

Hazard statement(s)

Warning

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

gloves/protective clothing/eye protection/face protection.
 IF IN EYES: Rinse cautiously with water for several minutes.
 If eye irritation occurs: Get medical attention.
 IF SWALLOWED: Drink plenty of water. Call poison control
 if person feels unwell.
 IF ON SKIN: Rinse with plenty of water. If skin irritation or
 rash occurs, get medical attention.

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

29CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Water	87.5-97.5%	7732-18-5
1,3-Propanediol	1-6%	504-63-2
Isopropylidene glycerol	0.5-1.5%	100-79-8
Ethanol	0-0.5%	64-17-5
Limonene	0-0.5%	5989-27-5
Citric acid	0-0.5%	77-92-9
Caprylyl/decyl glucoside	0-1%	68515-73-1
Lauryl glucoside	0-1%	110615-47-9
1,2-benzisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one	< 0.1%	2682-20-4, 2634-33-5
Citral	<0.1%	5392-40-5
Sodium citrate	< 0.1%	6132-04-3

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 CO ₂ .
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	Absorb 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	Keep in a cool, well ventilated place.
	Storage Temperature	Ambient.
	Storage Life	Stable under normal conditions.
	Incompatible materials	None known.
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 (CO ₂), 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	
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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

DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

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Annex to the extended Safety Data Sheet (eSDS)

No information available.