

1. Product and Company Identification

Product Code:	LFGRMRVOE16		
Product Name:	Marine & RV Odor Eliminator		
Trade Name:	RENEGADE PRODUCTS		
Manufacturer Information:			
Company Name:	Maverick Abrasives 4340 E. Miraloma Ave Anaheim, CA 92807		
Web site address:	www.renegadeproductsusa.com		
Email address:	cs@renegadeproductsusa.com		
Emergency Contact:	INFOTRAC	(800)535-5053	
	Contract #914-39		
Supplier Name and Address:			
Company Name:	Wyatt Machine Tools 388 Church Street, Penrose Auckland,	Phone Number:	(09)525-1000
Web site address:	www.wyatt.co.nz		
Email address:	info@wyatt.co.nz		
Emergency Contact:	24 hour NZ Emergency 0800WYATT1 (8 am - 4 pm)	0800 ()992-881 +48 (094)351-2394	112

2. Hazards Identification

Flammable Liquids, Category 4
Serious Eye Damage/Eye Irritation, Category 2



GHS Signal Word:	Warning
GHS Hazard Phrases:	H225 - Highly flammable liquid and vapor. H318 - Causes serious eye damage.
GHS Precautionary Phrases:	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician.
GHS Storage and Disposal Phrases:	P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents/container to ...

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS. May form explosive peroxides. Hazards not otherwise classified (HNOC) or not covered by GHS -none.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
68439-46-3	Alcohol ethoxylate	4.0 -5.1 %	
NA	9-Octadecenoic acid,12-hydroxy-, zinc salt (2:1), (9Z,12R)-	2.0 -3.0 %	
67-63-0	Isopropyl alcohol	1.5 -2.5 %	
1300-72-7	Sodium xylenesulfonate	1.0 -1.8 %	

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available.

5. Fire Fighting Measures

Flash Pt: 12.00 C (53.6 F) Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: 320.90 C (609.6 F)

Suitable Extinguishing Media: Dry powder. Dry sand, Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing Media: Do not use water jet.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information: Use water spray to cool unopened containers.

Flammable Properties and Hazards: No data available. Carbon oxides, Sulphur oxides.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8. Avoid dust formation.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas. Hygroscopic. Storage class (TRGS 510): 3: Flammable liquids
Other Precautions:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68439-46-3	Alcohol ethoxylate	No data.	No data.	No data.
NA	9-Octadecenoic acid, 12-hydroxy-, zinc salt (2:1), (9Z, 12R)-	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
1300-72-7	Sodium xylenesulfonate	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
67-63-0	Isopropyl alcohol	California, USA PELs	TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm)	
		NIOSH	TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm)	

Personal Protective Equipment Symbols:

Respiratory Equipment (Specify Type): Respiratory: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Eye Protection: Face shield and safety glasses. Use equipment for eye protection tested and approved

10. Stability and Reactivity

Reactivity: No data available.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Reacts with air to form peroxides.
Conditions to Avoid: Heat, flames and sparks. No data available.

Incompatibility - Materials To Avoid: Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids. Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Hazardous decomposition products formed under fire conditions. -Carbon oxides. No data available.

In the event of fire: see section 5.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Vapors may form explosive mixture with air. No data available.

11. Toxicological Information

Toxicological Information: Acute toxicity.

Behavioral: Somnolence (general depressed activity).

Germ cell mutagenicity: No data available.
Ames test.
Bacteria - Salmonella typhimurium, Result: negative.
In vitro mammalian cell gene mutation test: (OECD Test Guideline 474) Mouse. male and female. Bone marrow. Reproductive toxicity. Aspiration hazard: Hamster ovary.

Irritation or Corrosion: Skin corrosion/irritation. Skin. Rabbit.
Result: No skin irritation . Remarks: (anhydrous substance) (OECD Test Guideline 404)
Serious eye damage/eye irritation: Eyes. No eye irritation . (OECD Test Guideline 405)
Result: Tumorigenic: Tumors at site or application. No skin irritation -24. Eyes:

Sensitization: Buehler Test: Species: Guinea pig. Result: negative. (OECD Test Guideline 406)) No data available.

Chronic Toxicological Effects: Specific target organ toxicity - single exposure: Inhalation: Oral. May cause drowsiness or dizziness.
Acute inhalation toxicity: Central nervous system.
Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.

Carcinogenicity/Other Information: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68439-46-3	Alcohol ethoxylate	n.a.	n.a.	n.a.	n.a.
NA	9-Octadecenoic acid, 12-hydroxy-, zinc salt (2:1), (9Z, 12R)-	n.a.	n.a.	n.a.	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.

1300-72-7	Sodium xylenesulfonate	n.a.	n.a.	n.a.	n.a.
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12. Ecological Information

General Ecological Information:	(US-EPA) No data available.
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	Biodegradability aerobic -Exposure time 21 d Result: 95 % -Readily biodegradable. (OECD Test Guideline 301E) Biodegradability: aerobic -Exposure time 28. Result: 83 -85 % Readily biodegradable.
Bioaccumulative Potential:	No bioaccumulation is to be expected (log Pow <= 4). No data available.
Mobility in Soil:	No data available.
Other adverse effects:	No data available.

13. Disposal Considerations

Waste Disposal Method:	The generations of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incinerators or landfill should be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. See Section 8 for information on appropriate personal protective equipment.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68439-46-3	Alcohol ethoxylate	No	No	No
NA	9-Octadecenoic acid, 12-hydroxy-, zinc salt (2:1), (9Z, 12R)-	No	No	Yes-Cat. N982
67-63-0	Isopropyl alcohol	No	No	Yes
1300-72-7	Sodium xylenesulfonate	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)



SAFETY DATA SHEET

Marine & RV Odor Eliminator

Page: 7 of 7
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Revision: 10/12/2020

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68439-46-3	Alcohol ethoxylate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
NA	9-Octadecenoic acid, 12-hydroxy-, zinc salt (2:1), (9Z, 12R)-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Yes - Cat., Yes - Cat.
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8
1300-72-7	Sodium xylenesulfonate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

Regulatory Information: (NZ) Statement:..... This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017
(NZ) HSNO Classifications:..... 3.1D, 6.4A
(NZ) HSNO Group Standard:..... Cleaning Products Subsidiary HSR002530.

16. Other Information

Revision Date: 10/12/2020

Hazard Rating System:

HEALTH		0
FLAMMABILITY		0
PHYSICAL		0
PPE		

HMIS:

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer: