

MATERIAL SAFETY DATA SHEET

All Clear Oil & Scum Remover

1. Product And Company Identification

Supplier Aqua Tri 17872 Mitchell No. Suite 250 Irvine, CA 92614-6034 United States Telephone Number: (949) 474-7707 FAX Number: (949) 474-7024	Manufacturer Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Apharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
<hr/>	<hr/>

Issue Date: 05/10/2001

Product Name: Oil & Scum Remover

Chemical Name: Enzyme Cleaner

CAS Number: Not Established

Chemical Family: Enzyme

Chemical Formula: Proprietary Mixture

MSDS Number: 227

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1,2-PROPYLENE GLYCOL	57-55-6	
IMIDAZOLIDINYL UREA	39236-46-9	
METHYL PARABEN	99-76-3	
PROPYL PARABEN	94-13-3	

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

3. Hazards Identification

Primary Routes(s) Of Entry

Skin Contact

Eye Hazards

Causes eye irritation.

Skin Hazards

Causes skin irritation.

Ingestion Hazards

May be harmful if swallowed.

Inhalation Hazards

May cause respiratory tract irritation.

Signs And Symptoms

Irritation of Eyes and Skin

MATERIAL SAFETY DATA SHEET

All Clear Oil & Scum Remover

First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

Skin

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

Ingestion

If swallowed, induce vomiting immediately if directed to do so by medical personnel. Call a physician or a poison control center immediately.

Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 212 °F

Autoignition Point: 700 °F

Flammability Class: N/A

Lower Explosive Limit: 2.6

Upper Explosive Limit: 12.5

Fire And Explosion Hazards

Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO₂.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Use appropriate containers to avoid environmental contamination.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place. Keep containers tightly closed. Ground all equipment.

Handling Precautions

Use only with adequate personal protection.

MATERIAL SAFETY DATA SHEET

All Clear Oil & Scum Remover

7. Handling And Storage - Continued

Storage Precautions

Store in a cool dry place. Water contamination should be avoided. Keep out of reach of children.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

9. Physical And Chemical Properties

Appearance

Pale Brown liquid

Odor

ferment

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1.0381

Molecular Weight: NOT DETERMINED

Percent VOCs: 28

Vapor Pressure: <1

Vapor Density: 2.1

pH Factor: 6

Solubility: >10%

Viscosity: <20 cSt

Evaporation Rate: <1

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions To Avoid (Stability)

High temperatures.

MATERIAL SAFETY DATA SHEET

All Clear Oil & Scum Remover

10. Stability And Reactivity - Continued

Incompatible Materials

Oxidizing materials

Hazardous Decomposition Products

Oxides of carbon, nitrogen aldehydes and ketones

11. Toxicological Information

Ingredient(s) - Toxicological Data

IMIDAZOLIDINYL UREA

Rat oral LD50 5200 mg/kg

Rabbit Dermal LD50>8000 mg/kg

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

NOT REGULATED

Hazard Class

NOT REGULATED

DOT Identification Number

NONE

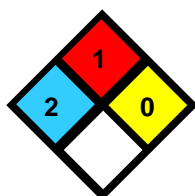
15. Regulatory Information

Ingredient(s) - State Regulations

1,2-PROPYLENE GLYCOL

Pennsylvania - Workplace Hazard

NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

This MSDS Superceeds A Previous MSDS Dated: 05/10/2001

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

MATERIAL SAFETY DATA SHEET

All Clear Oil & Scum Remover

Disclaimer - Continued

Printed Using MSDS Generator™ 2000