


MATERIAL SAFETY DATA SHEET

TYSOL 827R

NFPA 	HMIS <table border="1"> <tr> <td style="background-color: #00B0F0; color: white;">HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;"> </td> </tr> </table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	
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PERSONAL PROTECTION									

1. Product And Company Identification

Supplier ASAS / Tysol, Inc. 1561 Woodlane Drive PO Box 25098 Woodbury, MN 55125 USA Company Contact: Tom Ewing Telephone Number: 651-730-5639 FAX Number: 651-730-5107 E-Mail: tom@tysol.com Web Site: www.tysol.com	Manufacturer ASAS / Tysol, Inc. 1561 Woodlane Drive PO Box 25098 Woodbury, MN 55125 USA Company Contact: Tom Ewing Telephone Number: 651-730-5639 FAX Number: 651-730-5107 E-Mail: tom@tysol.com Web Site: www.tysol.com
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Supplier Emergency Contacts & Phone Number Medical Emergency Hotline: 1-800-228-5635	Manufacturer Emergency Contacts & Phone Number Medical Emergency Hotline: 1-800-228-5635
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Issue Date: 11/19/2007

Product Name: TYSOL 827R
Chemical Name: Alkaline Solution
CAS Number: Not Established
Chemical Family: Alkaline Cleaner
Chemical Formula: Mixture
EPA Registry Number: N A
RCRA Number: N A
MSDS Number: 24

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	<	Percent Of Total Weight
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	<	8
SODIUM SILICATE	1344-09-8	<	10

3. Hazards Identification

Primary Routes(s) Of Entry
 Eye Contact Ingestion Inhalation of spray Skin Contact

Eye Hazards
 Severe irritation, or burns possible.

Skin Hazards
 Irritation, or burns possible with prolonged contact

Ingestion Hazards
 Aspiration hazard if swallowed. Can enter lungs and cause damage. Harmful if swallowed. Irritation or burns of mouth, throat or stomach.

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3. Hazards Identification - Continued

Inhalation Hazards

May cause nose, throat, and lung irritation.

Conditions Aggravated By Exposure

Dermatitis and skin disorders.

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. Get medical attention immediately if irritation develops and persists.

Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Wash clothing before reuse.

Ingestion

DO NOT INDUCE VOMITING. DO NOT try to neutralize a base with an acid. Get medical attention immediately.

Inhalation

If inhaled, remove to fresh air.

5. Fire Fighting Measures

Flash Point: >200 °F

Autoignition Point: N E °F N E °C

Lower Explosive Limit: N E

Upper Explosive Limit: N E

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

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

6. Accidental Release Measures

Collect and dispose. Flush spill area with water.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Keep out of reach of children. Wash thoroughly after handling.

Handling Precautions

Do not get in eyes .Do not taste or swallow.

Storage Precautions

Keep away from acids.

Work/Hygienic Practices

Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

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8. Exposure Controls/Personal Protection - Continued

Ingredient(s) - Exposure Limits

DIPROPYLENE GLYCOL METHYL ETHER

25 ppm ACGIH

25 ppm OSHA

SODIUM SILICATE

PEL 1 ppm

TLV 2 ppm

9. Physical And Chemical Properties

Appearance

Lite amber

Odor

Characteristic odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1.0 - 1.1

Percent Volatiles: >80

Percent VOCs: <5

Vapor Pressure: N E

pH Factor: 11 At a Concentration Of as is

Solubility: complete

Viscosity: like water

Evaporation Rate: like water

10. Stability And Reactivity

Stability: stable

Hazardous Polymerization: none

Incompatible Materials

Avoid contact with strong acids.

11. Toxicological Information

No Data Available...

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

use product name

Freight Class

55

15. Regulatory Information

SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

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16. Other Information

NFPA Rating

Health: 2

Fire: 0

Reactivity: 0

HMIS Rating

Health: 2

Fire: 0

Reactivity: 0

Revision/Preparer Information

MSDS Preparer: TM

MSDS Preparer Phone Number: 651-730-4923

This MSDS Supersedes A Previous MSDS Dated: 10/14/2002

Disclaimer

The above information is to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exception conditions or circumstances exist or because of applicable laws or regulations.

ASAS / Tysol, Inc.