

MATERIAL SAFETY DATA SHEET

TY-SPRAY Maximum Powder

NFPA 	HMIS <table border="1"> <tr> <td style="background-color: #00B0F0;">HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #FF0000;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FFFF00;">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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FLAMMABILITY	0								
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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: 10/30/2007

Product Name: TY-SPRAY Maximum Powder
Chemical Name: Alkaline detergent
CAS Number: Not Established
Chemical Family: Alkaline powder
Chemical Formula: Mixture
MSDS Number: 14

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	1.4
SODIUM METASILICATE	6834-92-0	50

3. Hazards Identification

Primary Routes(s) Of Entry
 Eye Contact Skin Contact Dust Inhalation

Eye Hazards
 Severe irritation, or burns possible.

Skin Hazards
 Irritation, or burns possible with prolonged contact

Ingestion Hazards
 Irritation or burns of mouth, throat or stomach.

Inhalation Hazards
 Causes respiratory tract irritation.

TY-SPRAY Maximum Powder

3. Hazards Identification - Continued

Chronic/Carcinogenicity Effects

The product and its ingredients have not been identified as carcinogen or probable carcinogen by NTP, IARC monographs or OSHA.

4. First Aid Measures

Eye

In case of contact, immediately flush eyes with plenty of water. Get medical attention immediately. Remove contact lenses, if worn.

Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

Give water if swallowed. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

Inhalation

If inhaled, remove to fresh air. Get medical attention if breathing difficulty occurs.

5. Fire Fighting Measures

Flash Point: none °F

Autoignition Point: NE °F NE °C

Flammability Class: Non-flammable

Lower Explosive Limit: NE

Upper Explosive Limit: NE

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

6. Accidental Release Measures

Avoid runoff to waterways and sewers. Collect and dispose.

7. Handling And Storage

Handling And Storage Precautions

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

Handling Precautions

Avoid breathing dust or solution spray. Avoid contact with eyes. Do not taste or swallow. Wash thoroughly after handling. Avoid contact with skin and clothing.

Storage Precautions

Keep away from acids.

Work/Hygienic Practices

Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate ventilation.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

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8. Exposure Controls/Personal Protection - Continued

Ingredient(s) - Exposure Limits

SODIUM METASILICATE

PQ Corp Recommended Exposure limit- 2 mg/m3

9. Physical And Chemical Properties

Appearance

White powder.

Odor

Negligible

Chemical Type: Mixture

Physical State: Solid

Percent VOCs: 1.4

pH Factor: 11.5 to 12.5 At a Concentration Of use dilution

Solubility: complete

10. Stability And Reactivity

Stability: stable

Hazardous Polymerization: none

Incompatible Materials

Avoid strong oxidizing and reducing agents. Avoid contact with strong acids.

11. Toxicological Information

No Data Available...

12. Ecological Information

No Data Available...

13. Disposal Considerations

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

14. Transport Information

Proper Shipping Name

use product name

Freight Class

55

15. Regulatory Information

SARA Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

Ingredient(s) - U.S. Regulatory Information

DIETHYLENE GLYCOL MONOBUTYL ETHER

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

16. Other Information

NFPA Rating

Health: 2

Fire: 0

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16. Other Information - Continued

NFPA Rating - Continued

Reactivity: 0

HMS Rating

Health: 2

Fire: 0

Reactivity: 0

Revision/Preparer Information

MSDS Preparer: TE

MSDS Preparer Phone Number: 651-730-4923

This MSDS Supersedes A Previous MSDS Dated: 09/18/2002

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).

ASAS / Tysol, Inc.