


# MATERIAL SAFETY DATA SHEET

## Ty-Spray Bio-Spray 3030

<b>NFPA</b> 	<b>HMIS</b> <table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	2								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION									

### 1. Product And Company Identification

<b>Supplier</b> 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	<b>Manufacturer</b> 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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<b>Supplier Emergency Contacts &amp; Phone Number</b> Medical Emergency Hotline: 1-800-228-5635	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> Medical Emergency Hotline: 1-800-228-5635
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**Issue Date:** 10/30/2007

**Product Name:** Ty-Spray Bio-Spray 3030  
**Chemical Name:** Alkaline detergent  
**CAS Number:** Not Established  
**Chemical Family:** Alkaline detergent  
**Chemical Formula:** mixture  
**MSDS Number:** 359  
**Product Code:** Part # 6042-01

**Product/Material Uses**  
Parts Wash Detergent

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POTASSIUM SILICATE	1312-76-1	8 - 10

### 3. Hazards Identification

**Primary Routes(s) Of Entry**  
Eye Contact, Skin Contact, Inhalation, Ingestion - possible, but considered unlikely.

**Eye Hazards**  
May cause eye irritation.

**Skin Hazards**  
Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and/or possible blistering.

**Ingestion Hazards**  
Harmful if swallowed.

## Ty-Spray Bio-Spray 3030

### 3. Hazards Identification - Continued

#### Inhalation Hazards

Causes respiratory tract irritation.

#### Subchronic (Target Organ Effects)

Unknown.

#### Chronic/Carcinogenicity Effects

This product is considered non-hazardous when evaluated by criteria established in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Epidemiology

Dermatitis and similar skin disorders.

#### Teratogenicity (Birth Defects)

None known.

#### Reproductive Effects

None known.

### 4. First Aid Measures

#### Eye

In case of contact, remove contact lenses, if worn, immediately flush eyes with plenty of water for 15 minutes. Get medical attention immediately.

#### Skin

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

#### Ingestion

Rinse mouth with large amounts of water. If swallowed, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one or two cups of water or milk to drink. Call a physician or a poison control center immediately.

#### Inhalation

Remove the victim from the contaminated area while protecting yourself from exposure by wearing an appropriate respirator. Put a similar respirator on the victim if possible. Get medical attention immediately if breathing difficulty or irritation is severe or continues.

### 5. Fire Fighting Measures

**Flash Point:** none °F

**Flammability Class:** non-flammable

**Lower Explosive Limit:** NE

**Upper Explosive Limit:** NE

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

For any chemical fire firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Collect and dispose. For large spills, neutralize spill area by diluting with acetic acid. Avoid runoff to waterways.

### 7. Handling And Storage

#### Handling And Storage Precautions

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

## Ty-Spray Bio-Spray 3030

### 7. Handling And Storage - Continued

**Handling Precautions**

Avoid contact with eyes. Avoid contact with skin and clothing. Do not take internally.

**Storage Precautions**

Keep away from acids. Keep from freezing.

**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**

NIOSH/MSHA approved respirator where conditions may cause exposure limits to be exceeded from mists of solution.

**Other/General Protection**

Eye wash stations in the work area.

### 9. Physical And Chemical Properties

**Appearance**

Amber liquid.

**Odor**

Mild odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212 °F

**Specific Gravity:** 1.20

**Percent Volatiles:** 70 (water)

**Percent VOCs:** 0

**Vapor Pressure:** N.E.

**Vapor Density:** N.E.

**pH Factor:** 12.5 - 13 At a Concentration Of 100%

**Solubility:** Complete

**Viscosity:** N.E.

**Evaporation Rate:** N.A.

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**

Contact with incompatible materials (see below)

**Incompatible Materials**

Strong oxidizing agents, strong acids.

### 11. Toxicological Information

No Data Available...

# MATERIAL SAFETY DATA SHEET

Page 4 of 4

## Ty-Spray Bio-Spray 3030

<b>12. Ecological Information</b>
No Data Available...
<b>13. Disposal Considerations</b>
Dispose in accordance with applicable federal, state and local government regulations.
<b>14. Transport Information</b>
<b><u>Proper Shipping Name</u></b> use product name
<b><u>Freight Class</u></b> 55
<b>15. Regulatory Information</b>
<b><u>SARA Section 313 Notification</u></b> 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.
<b>16. Other Information</b>
<b><u>NFPA Rating</u></b> Health: 2 Fire: 0 Reactivity: 0
<b><u>HMS Rating</u></b> Health: 2 Fire: 0 Reactivity: 0
<b><u>Revision/Preparer Information</u></b> MSDS Preparer: TE MSDS Preparer Phone Number: 651-730-4923 This MSDS Supersedes A Previous MSDS Dated: 10/30/2007
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